

AD-A055 041 WOODS HOLE OCEANOGRAPHIC INSTITUTION MASS
BIBLIOGRAPHY OF TECHNICAL REPORTS, 1977, (U)
MAY 78 R B SPIVEY

F/G 8/10

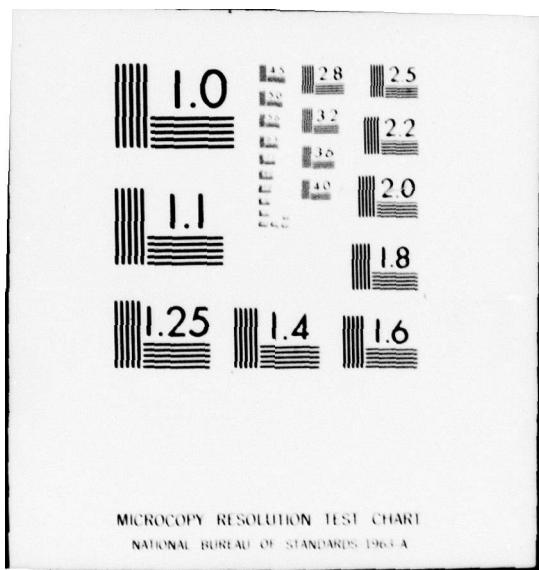
UNCLASSIFIED

WHA1-78-33

1 of 1
AD
A055 041



END
DATE
FILED
7-78
DDC



ADA 055041



This document has been approved
for public release and sale; its
distribution is unlimited.

WOODS HOLE OCEANOGRAPHIC INSTITUTION ✓
Woods Hole, Massachusetts

(14) WHOI-78-33 ✓

(6) BIBLIOGRAPHY OF TECHNICAL REPORTS,
1977,

(10)
Compiled by Ruth B. Spivey
Library Technician

(11) May 78

(12) 14 p.



This document has been approved
for public release and its
distribution is unlimited.

Approved for distribution A. E. Maxwell
Dr. A. E. Maxwell, Provost

INTRODUCTION

ABSTRACT

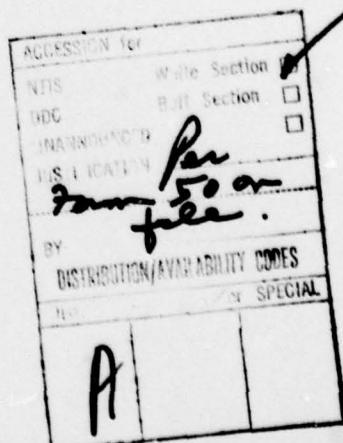
The technical reports prepared by the Woods Hole Oceanographic Institution in 1977 are listed in this bibliography. Inquiries about availability of extra copies will be handled on an individual basis. Initial distribution of the reports is controlled by the fund-granting agencies. Reports available through the National Technical Information Service (Springfield, Virginia 22161) are indicated by an NTIS order number.

The Document Library does provide Interlibrary Loan Service for all Institution reports and will assist with problems of identification.

When citing a report, the published reference should be the preferred reference. Otherwise the citation should be followed by the phrase "unpublished manuscript."

ABSTRACT

Document Library - Smith 206
Woods Hole Oceanographic Institution
Woods Hole, Mass. 02543



TECHNICAL REPORTS - 1977

WHOI

- 77-1 MICHAEL S. CONNOR and ROBERT W. HOWARTH. A review of the draft environmental impact statement for outer Continental Shelf oil and gas lease sale no. 42. Jan 77. 47 p. NTIS No. PB-264 074.
- 77-2 CARL BOWIN. Gravity data processing programs. Jan 77. 6 p.
- 77-3 MARY C. THAYER. Abstracts of papers submitted in 1976 for publication. 109 p.
- 77-4 RICHARD H. BACKUS and JAMES E. CRADDOCK. Data report for Atlantic pelagic zoogeography. Jan 77. 85 p.
- 77-5 SUSAN B. PETERSON and JAMES M. FRIEDMAN. The Massachusetts lobster fishery: model legislation and management plans. Feb 77. 81 p.
- 77-6 W. R. BERTSCHE, K. P. LOGAN, A. J. PESCH and C. L. WINGET. Final report: operator performance in undersea manipulator systems: studies of control performance with visual force feedback. Jan 77. 125 p. NTIS No. AD-A041 482.
- 77-7 DAVID A. JOHNSON and ELIZABETH T. BUNCE. Abyssal sediment waves in the Amirante Passage, western Indian Ocean. Feb 77. 46 p. NTIS No. AD-A035 454.
- 77-8 J. R. HEIRTZLER, P. T. TAYLOR, R. D. BALLARD and R. L. HOUGHTON. The 1974 ALVIN dives on Corner Rise and New England seamounts. Feb 77. 53 p. NTIS No. AD-A038 115.
- 77-9 JAMES R. HEIRTZLER and HELEN C. HAYS. Stations locations for ATLANTIS II-73, ATLANTIS II-77, and KNORR-42 cruises and ALVIN dive tracks in the Famous area. Feb 77. 25 p.
- 77-10 ROBERT H. HEINMILLER, JR. and RODERIQUE A. LaROCHELLE. Field experience with acoustic releases at the Woods Hole Oceanographic Institution. Feb 77. 11 p. NTIS No. AD-A037 219.
- 77-11 THOMAS B. SANFORD and NELSON G. HOGG. The North Atlantic fine micro-structure cruise KNORR 52 and EASTWARD 75-12. Feb 77. 88 p. NTIS No. AD-A038 622.
- 77-12 H. O. BERTEAUX, R. A. GOLDSMITH, W. E. SCHOTT, III. Heave and roll response of free floating bodies of cylindrical shape. Feb 77. 112 p. NTIS No. AD-A038 215.
- 77-13 WILLIAM A. WATKINS and WILLIAM E. SCHEVILL. Underwater paint marking of porpoises. Mar 77. Contribution No. 3586: Fishery Bulletin 74(3): 687-689. NTIS No. AD-A038 385.
- 77-14 HSIEN-TA LIU and RORY O.R.Y. THOMPSON. Conversion of eulerian to lagrangian statistics in one dimension. Nov 77. Contribution No. 3012: Utilitas Mathematica 10: 109-128 (1976). NTIS No. AD-A049 884.

WHOI

- 77-15 Not assigned.
- 77-16 CHARLES CURTIS ERIKSEN. Measurements and models of fine-structure, internal gravity waves and wave breaking in the deep ocean. Mar 77. 166 p. NTIS No. AD-A038 158.
- 77-17 CHARLES R. DENHAM. PATSY: a time-series processor. Mar 77. 48 p.
- 77-18 S. A. TARBELL and A. W. WHITLATCH. A compilation of moored current data and associated oceanographic observations, Volume XIII (1970 measurements). Jun 77. 189 p. NTIS No. AD-A044 223.
- 77-19 CHARLES R. DENHAM. The vector processor. Mar 77. 38 p.
- 77-20 DR. JOHN W. FARRINGTON and NELSON M. FREW. Preliminary analysis of tar sample from ARGO MERCHANT oil spill. Apr 77. 12 p.
- 77-21 PETER J. HENDRICKS. Finestructure and turbulence in the deep ocean. Apr 77. 236 p. NTIS No. AD-A043 554.
- 77-22 W. S. BROWN, J. A. VERMERSCH and R. C. BEARDSLEY. Wintertime 1974-75 western Gulf of Maine experiment data report. Jun 77. 89 p.
- 77-23 ROBERT C. GROMAN and HARTLEY HOSKINS. A complete navigation and total geomagnetic field processing package using the Hewlett-Packard 9830 calculator. May 77. 53 p.
- 77-24 JOHN H. RYTHER and ROBER MANN. Uptake and depuration of trace contaminants by organisms grown in a waste recycling-aquaculture system. May 77. 30 p.
- 77-25 JOHN W. PEIRCE. The origin of the Ninetyeast Ridge and the northward motion of India, based on DSDP paleolatitudes. Jun 77. 283 p.
- 77-26 Edited by D. A. JOHNSON and A. H. DRISCOLL. Prepared by the staff of the Sea Floor Samples Laboratory. Descriptions of WHOI sediment cores, Volume 5. Jun 77. 796 p.
- 77-27 ARTHUR D. VOORHIS and ELIZABETH H. SCHROEDER. The influence of deep mesoscale eddies on sea surface temperature in the North Atlantic subtropical convergence. Nov 77. Contribution No. 3709: Journal of Physical Oceanography 6(6): 953-961 (1976). NTIS No. AD-A048 086.
- 77-28 R. JOHN GIBSON. Matamek annual report for 1976. Jun 77. 116 p.
- 77-29 WILLIAM G. METCALF, MARVEL C. STALCUP and MARGUERITE ZEMANOVIC. Current meter and temperature records from the Windward Passage. Jul 77. 33 p. NTIS No. AD-A043 397.
- 77-30 JAMES R. VALDES. COS/MOS 850 current meter report. Jun 77. 92 p. NTIS No. AD-A043 125.
- 77-31 WILLIAM A. WATKINS. Acoustic behavior of sperm whales. Jun 77. Reprinted from Oceanus 20(2): 50-58 (1977). NTIS No. AD-A042 260.

WHOI

- 77-32 BOSTWICK H. KETCHUM, RALPH F. VACCARO, PETER E. KALLIO and others. Cape Cod waste water renovation and retrieval system, a study of water treatment and conservation, interim report (June 10, 1976 - June 17, 1977). Jul 77. 197 p.
- 77-32 APPENDIX Interim report. Aug 77. 142 p.
- 77-33 GORDON K. GLASS. Continuation of undersea acoustics research. Jul 77. 19 p. NTIS No. AD-A042 468.
- 77-34 RICHARD H. BURROUGHS, III. Structural and sedimentological evolution of the Somali Basin: paleoceanographic interpretations. Jul 77. 285 p.
- 77-35 MAX BLUMER, JEREMY SASS and T. DORSEY. Azaarenes in recent marine sediments. Nov 77. Contribution No. 3673: Science 195: 283-285 (Jan 21, 1977). NTIS No. AD-A048 087.
- 77-36 STEVEN J. LEVERETTE. Data adaptive velocity/depth spectra estimation in seismic wide angle reflection analysis. Oct 77. 146 p. NTIS No. AD-A046 343.
- 77-37 JAMES R. LUYTEN and J. C. SWALLOW. Equatorial undercurrents. Nov 77. Contribution No. 3805: Deep-Sea Research 23: 1005-1007 (1976). NTIS No. AD-A048 088.
- 77-38 MARSHALL ORR and MICHAEL SCHOENBERG. Acoustic signatures from deep water implosions of spherical cavities. Nov 77. Contribution No. 3688: Journal of the Acoustical Society of America 59(5): 1155-1159 (1976). NTIS No. AD-A048 089.
- 77-39 R. P. PORTER and R. C. SPINDEL. Low-frequency acoustic fluctuations and internal gravity waves in the ocean. Nov 77. Contribution No. 3842: Journal of the Acoustical Society of America 61(4): 943-958 (1977). NTIS No. AD-A049 885.
- 77-40 PHILIP L. RICHARDSON. On the crossover between the Gulf Stream and the Western boundary undercurrent. Nov 77. Contribution No. 3525: Deep-Sea Research 24: 139-159 (1977). NTIS No. AD-A049 886.
- 77-41 S. TARBELL, R. PAYNE and R. WALDEN. A compilation of moored current meter data and associated mooring action data from mooring 592, Volume XIV (1976 data). Sep 77. 122 p.
- 77-42 MELBOURNE G. BRISCOE. Gaussianity of internal waves. Nov 77. Contribution No. 3705: Journal of Geophysical Research 82(15): 2117-2126 (1977). NTIS No. AD-A049 887.
- 77-43 NELSON G. HOGG. On spatially growing baroclinic waves in the ocean. Nov 77. Contribution No. 3605: Journal of Fluid Mechanics 78, Part 2: 217-235 (1976). NTIS No. AD-A049 888.
- 77-44 N. P. FOFONOFF. Computation of potential temperature of seawater for an arbitrary reference pressure. Nov 77. Contribution No. 3839: Deep-Sea Research 24: 489-491 (1977). NTIS No. AD-A049 101.

WHOI

- 77-45 HARRY L. BRYDEN and NICK P. FOFONOFF. Horizontal divergence and vorticity estimates from velocity and temperature measurements in the mode region. Nov 77. Contribution No. 3815: Journal of Physical Oceanography 7(3): 329-337 (1977). NTIS No. AD-A049 889.
- 77-46 JOHN W. FARRINGTON, SUSAN M. HENRICHES and ROBERT ANDERSON. Fatty acids and Pb-210 geochronology of a sediment core from Buzzards Bay, Massachusetts. Nov 77. Contribution No. 3774: Geochimica et Cosmochimica Acta 41: 289-296 (1977). NTIS No. AD-A049 890.
- 77-47 PATRICIA M. GILBERT and THEODORE C. LODER. Automated analysis of nutrients in seawater: a manual of techniques. Aug 77. 46 p.
- 77-48 TERRENCE M. JOYCE and YVES J. F. DESAUBIES. Discrimination between internal waves and temperature finestructure. Nov 77. Contribution No. 3665: Journal of Physical Oceanography 7(1): 22-32 (1977). NTIS No. AD-A049 891.
- 77-49 TERRENCE M. JOYCE. Large-scale variations in small-scale temperature/salinity finestructure in the main thermocline of the northwest Atlantic. Nov 77. Contribution No. 3584: Deep-Sea Research 23: 1175-1186 (1976). NTIS No. AD-A049 892.
- 77-50 JAMES R. LUYTEN. Scales of motion in the deep Gulf Stream and across the Continental Rise. Nov 77. Contribution No. 3778: Journal of Marine Research 35(1): 49-74 (1977). NTIS No. AD-A049 893.
- 77-51 HARRY L. BRYDEN. Horizontal advection of temperature for low-frequency motions. Nov 77. Contribution No. 3708: Deep-Sea Research 23: 1165-1174 (1976). NTIS No. AD-A049 894.
- 77-52 KEVIN D. LEAMAN. Observations on the vertical polarization and energy flux of near-inertial waves. Aug 77. Contribution No. 3704: Journal of Physical Oceanography 6(6): 894-908 (1976).
- 77-53 ROBERT G. WALDEN, CLAYTON W. COLLINS, JR., PETER R. CLAY and PATRICK O'MALLEY. Validation testing of the DOCMS intermediate mooring. Sep 77. 56 p. NTIS No. AD-A047 984.
- 77-54 BRYCE PRINDLE. Improved fishbite armor for deep-sea mooring lines. Aug 77. 33 p. NTIS No. AD-A046 066.
- 77-55 Classified
- 77-56 S. TARBELL and A. W. WHITLATCH. A compilation of moored current data and associated oceanographic observations Volume XV (1971 measurements). Sep 77. 242 p. NTIS No. AD-A045 525.
- 77-57 LEAH J. SMITH and SUSAN B. PETERSON. The New England fishing industry: a basis for management. Aug 77. 130 p.
- 77-58 WILLIAM A. WATKINS and WILLIAM E. SCHEVILL. The development and testing of a radio whale tag. Sep 77. 38 p. NTIS No. AD-A044 807.

WHOI

- 77-59 JOHN H. RYTHER and ROBER MANN. Bivalve mollusc culture in a waste recycling aquaculture system. Sep 77. 122 p.
- 77-60 CLIFFORD L. WINGET. Final report - description and test of a fishing trawl and net resistant bottom mounted current meter, with diverless surface deployment and recovery capabilities. Nov 77. 121 p.
- 77-61 ARTHUR R. MILLER. Ranges and extremes of the natural environment related to design criteria for ocean thermal energy conversion plants. Oct 77. 73 p.
- 77-62 R. C. BEARDSLEY, W. BOICOURT, L. C. HUFF, J. SCOTT. CMICE 76: a current meter intercomparison experiment conducted off Long Island in February - March 1976. Oct 77. 123 p.
- 77-63 FRANCISCO J. PALACIO. Toward a marine policy in Latin America. Oct 77. 58 p.
- 77-64 GEORGE VERONIS and MARY C. THAYER. Notes on the 1977 Summer Study Program in Geophysical Fluid Dynamics at the Woods Hole Oceanographic Institution. Dec 77. 254 p. NTIS No. AD-A051 625.
- 77-65 JAMES W. MAVOR, JR., HENRI O. BERTEAUX, JAMES R. McCULLOUGH and others. Interpretation of oceanographic data for OTEC design. Nov 77. 51 p.
- 77-66 ANDREW F. BUNKER. Boundary layer and frontal structure over the East China Sea. Nov 77. 21 p.
- 77-67 CHARLES NOEL FLAGG. The kinematics and dynamics of the New England Continental Shelf and shelf/slope front. Nov 77. 208 p.
- 77-68 BARRY RAYMOND RUDDICK. Observations of interaction between the internal wavefield and low frequency flows in the north Atlantic. Nov 77. 334 p. NTIS No. AD-A047 093.
- 77-69 JOE A. HANSON, JOHN E. and SUZANNE S. HUGUENIN and HAROLD L. GOODWIN. Marine shrimp farming in the Western Hemisphere. Dec 77. 43 p.
- 77-70 DAVID A. JOHNSON and ALEXANDER N. SHOR. Initial cruise report, ATLANTIS II-94, leg 1. Dec 77. 57 p. NTIS No. AD-A048 724.
- 77-71 DAVID A. DEESE. Sub-seabed disposal of radioactive waste: prevention or management? Dec 77. 424 p.
- 77-72 GEORGE RODENBUSCH and JAMES W. MAVOR, JR. Dynamics of the inclining spar current sensor - final report. Dec 77. 26 p.
- 77-73 JEFFREY P. ELLIS, BRIAN C. KELLEY, PETER STOFFERS and others. Data file: New Bedford Harbor, Massachusetts. Dec 77. 84 p.
- 77-74 HARTLEY HOSKINS, STEPHEN R. GEGG and CHRISTOPHER R. TAPSCOTT. Cruise data report, R/V ATLANTIS II-93, legs 5 and 6, Central Indian Ocean Triple-Junction. Dec 77. 55 p. NTIS No. AD-A050 421.

WHOI

- 77-75 GERARD H. MARTINEAU and MELBOURNE G. BRISCOE. Auto and cross-bispectral analysis of scalar and vector time series: programs, program descriptions, and tests with artificial data. Apr 78. 235 p.
- 78-33 RUTH B. SPIVEY, compiler. Bibliography of technical reports, 1977. May 78. 10 p.
-

W.H.O.I. CONTRIBUTION NUMBERS WITH CORRESPONDING REPORT NUMBERS:

<u>Contribution No.</u>	<u>Report</u>
3012	77-14
3525	77-40
3584	77-49
3586	77-13
3605	77-43
3665	77-48
3673	77-35
3688	77-38
3704	77-52
3705	77-42
3708	77-51
3709	77-27
3774	77-46
3778	77-50
3805	77-37
3815	77-45
3839	77-44
3842	77-39

AUTHOR INDEX

Anderson, Robert 77-46	Collins, Clayton W. 77-53	Gegg, Stephen R. 77-74
Backus, Richard H. 77-4	Connor, Michael S. 77-1	Gibson, R. John 77-28
Ballard, R. D. 77-8	Corwin, Nathaniel 77-32 & APPENDIX	Gilbert, Patricia M. 77-47
Beardsley, R. C. 77-22, 77-62	Craddock, James E. 77-4	Glass, Gordon K. 77-33
Berteaux, H. O. 77-12, 77-65	Deese, Patricia L. 77-32 & APPENDIX	Goldsmith, R. A. 77-12
Bertsche, W. R. 77-6	Denham, Charles R. 77-17, 77-19	Goodwin, Harold L. 77-69
Blumer, Max 77-35	Dennett, Mark R. 77-32 & APPENDIX	Groman, Robert C. 77-23
Boicourt, W. 77-62	Desaubies, Yves J. F. 77-48	Hanson, Joe A. 77-69
Bowin, Carl 77-2	Dorsey, T. 77-35	Hays, Helen C. 77-9
Bowker, Paul C. 77-32 & APPENDIX	Driscoll, A. H. 77-26	Heinmiller, Robert H. Jr. 77-10
Briscoe, Melbourne G. 77-42, 77-75	Eriksen, Charles C. 77-16	Heirtzler, J. R. 77-8, 77-9
Brown, W. S. 77-22	Farrington, John W. 77-20, 77-46	Hendricks, Peter J. 77-21
Bryden, Harry L. 77-45, 77-51	Fitzgerald, Michael G. 77-73	Henrichs, Susan M. 77-46
Bunce, Elizabeth T. 77-7	Flagg, Charles Noel 77-67	Hogg, Nelson G. 77-11, 77-43
Bunker, Andrew F. 77-66	Fofonoff, N. P. 77-44, 77-45	Hoskins, Hartley 77-23, 77-74
Burroughs, Richard H. III 77-34	Frew, Nelson M. 77-20	Houghton, R. L. 77-8
Clay, Peter R. 77-53	Friedman, James M. 77-5	Howarth, Robert W. 77-1

Huff, L. C. 77-62	McCullough, James R. 77-65	Sass, Jeremy 77-35
Huguenin, John E. 77-69	Metcalf, William G. 77-29	Schevill, William E. 77-13, 77-58
Huguenin, Suzanne S. 77-69	Miller, Arthur R. 77-61, 77-65	Schoenberg, Michael 77-38
Johnson, David A. 77-7, 77-26, 77-70	O'Malley, Patrick 77-53	Schott, W. E. III 77-12
Joyce, Terrence M. 77-48, 77-49	Orr, Marshall 77-38	Schroeder, Elizabeth H. 77-27
Ketchum, Bostwick H. 77-32 & APPENDIX	Palacio, Francisco J. 77-63	Scott, J. 77-62
Kelley, Brian C. 77-73	Palmer, Carl 77-32 & APPENDIX	Shor, Alexander N. 77-70
LaRochelle, Roderigue A. 77-10	Payne, R. 77-41	Smith, Leah J. 77-57
Leaman, Kevin D. 77-52	Peirce, John W. 77-25	Smith, Samuel W. Jr. 77-65
Leverette, Steven J. 77-36	Pesch, A. J. 77-6	Spindel, R. C. 77-39
Liu, Hsien-Ta 77-14	Peterson, Susan B. 77-5, 77-57	Stalcup, Marvel C. 77-29
Loder, Theodore C. 77-47	Porter, R. P. 77-39	Stoffers, Peter 77-73
Logan, K. P. 77-6	Prindle, Bryce 77-54	Summerhayes, Colin P. 77-73
Luyten, James R. 77-37, 77-50	Richardson, Philip L. 77-40	Swallow, J. C. 77-37
Mann, Alicja W. 77-32 & APPENDIX	Rodenbusch, George 77-72	Tapscott, Christopher R. 77-74
Mann, Roger 77-24, 77-59	Ruddick, Barry Raymond 77-68	Tarbell, S. A. 77-18, 77-41, 77-56
Martineau, Gerard H. 77-75	Ryther, John H. 77-24, 77-59	Taylor, P. T. 77-8
Mavor, James W., Jr. 77-65, 77-72	Sanford, Thomas B. 77-11	Thayer, Mary C. 77-3, 77-64

Thompson, Rory O.R.Y.
77-14

Valdes, James R.
77-30

Vermersch, J. A.
77-22

Veronis, George
77-64

Voorhis, Arthur D.
77-27

Walden, Robert G.
77-41, 77-53

Watkins, William A.
77-13, 77-31, 77-58

Whitlatch, A. W.
77-18, 77-56

Winget, C. L.
77-6, 77-60

Zemanovic, Marguerite
77-29

WHOI Ref.	60-53	Bibliography of reports, 1950-1960	NTIS No. AD-287 139
	61-41	Bibliography of reports, 1961	NTIS No. AD-287 138
	62-43	Bibliography of reports, 1962	NTIS No. AD-416 398
	63-47	Bibliography of reports, 1963	NTIS No. AD-430 543
	64-54	Bibliography of reports, 1964	NTIS No. AD-612 623
	65-67	Bibliography of reports, 1965	NTIS No. AD-628 758
	66-72	Bibliography of reports, 1966	NTIS No. AD-648 536
	67-83	Bibliography of reports, 1967	NTIS No. AD-669 130
	68-82	Bibliography of reports, 1968	NTIS No. PB-183 966
	69-90	Bibliography of reports, 1969	NTIS No. AD-704 485
	70-70	Bibliography of reports, 1970	NTIS No. AD-722 598
	71-78	Bibliography of reports, 1971	NTIS No. AD-782 993
	72-96	Bibliography of reports, 1972	NTIS No. PB-221 079
	73-93	Bibliography of reports, 1973	NTIS No. AD-782 998
	74-105	Bibliography of reports, 1974	NTIS No. AD-A016 589
	75-69	Bibliography of reports, 1975	NTIS No. AD-A031 402
	76-116	Bibliography of reports, 1976	
	78-33	Bibliography of reports, 1977	

.....
SUMMARIES

WHOI REF.

63-18	Summary of investigations conducted in 1962
64-12	Summary of investigations conducted in 1963
65-13	Summary of investigations conducted in 1964
66-3	Summary of investigations conducted in 1965
67-15	Summary of investigations conducted in 1966
68-32	Summary of investigations conducted in 1967
69-13	Summary of investigations conducted in 1968
70-11	Summary of investigations conducted in 1969
71-27	Summary of investigations conducted in 1970
72-23	Summary of investigations conducted in 1971
73-12	Summary of investigations conducted in 1972
74-18	Summary of investigations conducted in 1973
75-16	Summary of investigations conducted in 1974
76-49	Abstracts of papers submitted in 1975 for publication
77-3	Abstracts of papers submitted in 1976 for publication

Woods Hole Oceanographic Institution
WHOI-78-33

BIBLIOGRAPHY OF TECHNICAL REPORTS

1977

by Ruth B. Spivey, Library Technician

10 pages. May 1978

Woods Hole Oceanographic Institution
WHOI-78-33

BIBLIOGRAPHY OF TECHNICAL REPORTS

1977

by Ruth B. Spivey, Library Technician

10 pages. May 1978

Woods Hole Oceanographic Institution
WHOI-78-33

BIBLIOGRAPHY OF TECHNICAL REPORTS

1977

by Ruth B. Spivey, Library Technician

10 pages. May 1978

Woods Hole Oceanographic Institution
WHOI-78-33

BIBLIOGRAPHY OF TECHNICAL REPORTS

1977

by Ruth B. Spivey, Library Technician

10 pages. May 1978